

# PDR RID Report

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**Document**

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<b>Review</b>	FOS	
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**Section**

**Page**

**Figure Table**

**Category Name** Design **Actionee** HAIS  
**Sub Category**  
**Subject** Tools for Constraint Checking and Conflict Resolution

## **Description of Problem or Suggestion:**

What tools will be available to user for checking for constraints and resolving any conflicts identified? How early in the scheduling process can these tools be run?

## **Originator's Recommendation**

Make details available to interested users for feedback.

## **GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** D. Herring

**HAIS Schedule** 1/13/95

**HAIS R. E.** B. Moore

**HAIS Response Date** 1/18/95

The tools available for constraint checking are the Resource Model, Timeline, and the Activity Scheduler. These tools provide constraint information interactively as scheduling takes place so that the constraints are identified as soon as conflicting activities are placed on the schedule. The PDR Design Spec describes these design elements in the following sections:

- 1) The classes for performing the constraint checking are presented in section 5.1.2.1 (resource model)
- 2) The classes for visualizing constraints are presented in section 5.1.2.2.4 (timeline)
- 3) The classes for resolving constraints are presented in section 5.1.2.2.3 (activity scheduler)

In addition to the PDR Design Spec, the Prototype Results Review Reports document the tool concepts that are being planned for performing scheduling.

**Status** **Closed**

**Date Closed** **2/1/95**

**Sponsor** **Johns**

\*\*\*\*\* **Attachment if any** \*\*\*\*\*